CURRICULUM VITAE

PERSONAL DATA

Name Rodney Allen Hayward

Citizenship United States of America

EDUCATION

	Norte Del Rio High School, Sacramento, California
1978	University of California-Berkeley, AB
1983	University of California-San Diego, MD
1986-1988	University of California-Los Angeles School of Public Health
1987-1988	RAND Corporation Health Services Research Postgraduate Seminars

POSTDOCTORAL TRAINING

1983-1984	Primary Care Internal Medicine Program Internship, University of California–Los Angeles Center for the Health Sciences
1984-1986	Primary Care Internal Medicine Program Residency, University of California–Los Angeles Center for the Health Sciences
1986-1988	Robert Wood Johnson Clinical Scholars Program Fellowship, University of California–Los Angeles Center for the Health Sciences

ACADEMIC APPOINTMENTS

1	1988-1990	Instructor, Division of General Medicine, Department of Internal Medicine,
		Medical School, University of Michigan
1	1988-1990	Lecturer, Department of Health Services Management and Policy, School of Public
		Health, University of Michigan
1	1990-1994	Assistant Professor, Division of General Medicine, Department of Internal
		Medicine, Medical School, University of Michigan
]	1990-1994	Assistant Professor, Department of Health Services Management and Policy,
		School of Public Health, University of Michigan
1	1994-1999	Associate Professor, Division of General Medicine, Department of Internal
		Medicine, Medical School, University of Michigan
1	1994-1999	Associate Professor, Department of Health Services Management and Policy,
		School of Public Health, University of Michigan
1	1992-	Associate Division Chief, Division of General Medicine, Department of Internal
		Medicine, University of Michigan

7/29/04

1996-	Director, VA Center for Practice Management and Outcomes Research, Ann Arbor
	VA Health Services Research and Development Field Program
1999-	Professor, Division of General Medicine, Department of Medicine, School of
	Medicine, University of Michigan
1999-	Professor, Department of Health Management and Policy, School of Public Health,

GRANT SUPPORT

Director, VA Center for Practice Management	10/01/01 - 09/30/06
& Outcomes Research (R. Hayward)	\$700,000 (FY 04)

VA Ann Arbor Healthcare System 10% effort (Principal Investigator)

DK20572-21 (J.D. Howell) 11/1/2003 – 9/30/2015

Robert Wood Johnson Foundation \$200,000 Clinical Scholars Program 20% (Co-PI)

University of Michigan

351118 (C. McLaughlin) 8/1/2003 - 7/31/2013

Robert Wood Johnson Foundation – \$9,610

Scholars in Health Policy Research Program, 5% (Steering Committee & Core Faculty)

School of Public Health

972573 (W. Herman) 12/1/02 – 11/30/2007

MDRTC Measurement Core \$202.792

NIDDK 15% (Core Director)

RCD 97-323 (E. Kerr) 6/2001 – 6/30/2004

VA HSR&D Career Development Award \$159,032

0% effort (Mentor)

RCD 02-047 (M. Heisler) 1/1/2004 – 12/31/2006

VA HSR&D Career Development Award \$202,792

0% effort (Mentor)

VA Merit/IIR 99-238 (J. Inadomi) 07/01/2001-06/30/2004

Economic Impact of Practice Guidelines for \$379,850

Gastroesophageal Reflux Disease 5% effort (Co-Investigator)

K23 DK60040-02 (P. Schoenfeld) 07/04/2001-06/30/2006

Colon Polyp Screening with Colonoscopy in Women \$661,500

NIDDK 0% effort (Mentor)

VA DIB 98-001 (R. Hayward) 10/1/2003 – 9/30/2005)

Quality Enhancement Research Initiative - \$300,000 (FY 2003)

Diabetes Mellites (QUERI-DM) 10% effort (Principal Investigator)

SDR 03-318 (E. Kerr) 05/01/04 – 04/30/05

Translating Research into Action for Diabetes \$276,071

In VA, Phase 2 (TRIAD-VA2) 10% effort (Co-PI)

VA CSP #465 (R. Hayward –

Economic Analysis Subcontract) 7/1/2000 – 6/30/2007

Glycemic Control and Complications \$139,449

in Diabetes Mellitus type 2 2% effort (Principle Investigator of subcontract)

VA Merit/SDR 02-300 (R. Hayward) 7/1/2003 – 12/31/2004

Privacy Protection and Health Services Research \$494,831 (total)

10% effort

DIT 02-064 (S. Bernstein) 1/1/2004 – 12/31/2005

An Evaluation of a Coordinated Proactive Diabetes \$737,940

Eye Care Program, i-CARE 5% effort (Co-PI)

IMA 04-162 (R. Hayward) 07/01/2004 – 06/30/2006

Academic Experts Implementation Research Collaborative \$100,140

1% effort (PI)

CERTIFICATION AND LICENSURE

Medical Licensure: California, 1984

Michigan, 1988

Board Certification: Internal Medicine, 1986

HONORS AND AWARDS

1974	California State Scholar
1976	Mary Phleger Memorial Award
1976	University of California Regent Scholar
1978	Phi Beta Kappa, University of California-Berkeley
1982	A. Baird Hastings Society, University of California–San Diego, Medical School
1986	Solomon Scholars Award for Outstanding Research by a Medical Resident,
	University of California-Los Angeles Department of Medicine
1986	Robert Wood Johnson Clinical Scholar
1990, 1992	Award for Innovative Programs in Internal Medicine Education, Association of
	Program Directors in Internal Medicine
1993	Special Recognition for Contributions to the House Staff Teaching Program,
	University of Michigan, Department of Internal Medicine

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1993-1994	H. Marvin Pollard Award for Outstanding Resident Teaching, University of
	Michigan
1994	American College of Healthcare Executives' Special Commendation for research
	article of exceptional merit.
1995	Outstanding Investigator Award, Midwest American Federation for Clinical
	Research.
2000	Alpha Chapter Honorary Award, Alpha Omega Alpha Honor Medical Society

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

1984-	American College of Physicians
1987-	American Federation for Clinical Research
1988-	Association for Health Services Research
1991-	Central Society for Clinical Research
1985-	Society of General Internal Medicine

TEACHING ACTIVITIES

1988-	Attending, General Medicine Clinic
1988-1993	Attending, General Medicine Consultation Service
1988-	Lecturer, Resident Conferences, Department of Internal Medicine
1988-	Attending, General Medicine Wards
1988-	Instructor/Facilitator, General Medicine Fellow's Seminar on Critical Assessment of the Medical Literature
1989-1991	Lecturer, Introduction to Clinical Sciences, Clinical Case Conferences, Medical School
1990	Instructor, Introduction to Health Services Research, MS-4 elective/ independent study, Medical School
1990	The U.S. Health Care System: Crisis and Evolution, Grand Rounds, Department of Internal Medicine, 7/20/90
1991	Options for National Health Programs, Seventh Annual Neil Staebler Symposium: Ensuring America's Health in the 1990s, 2/7/91
1991	Issues in Health Care Organization and Financing, Medical Scientist Track Retreat, Medical School, Higgins Lake, MI, 8/10/91
1991-	Morning Report & Internal Report, Department of Internal Medicine, Medical School
1991-1996	Chief Medicine Rounds, Department of Internal Medicine, Medical School
1991-1995	Intern's Case Conference, Department of Internal Medicine, Medical School
1991-1996	Panelist, Inteflex Medical Student Seminar Series on Issues in Health Care, Medical School
1992	Health Care Reform, Department of Sociology Lecture Series
1992	Quality and Utilization Review: Are the Watchdogs Barking up the Wrong Tree? Grand Rounds, Department of Internal Medicine, 5/18/92

1992-1995	Medical Student Subinternship Morning Report, Department of Internal Medicine, Medical School
1992-1995	Lecturer, M1 Introduction to the Patient, Health Services Organization and Financing, Medical School
1993	Ambulatory Care of HIV-Infected Patients, Advances in Internal Medicine, Continuing Medical Education Program, 4/27/93
1993	Controversies in the Care of Type 2 Diabetes, Grand Rounds, Department of Internal Medicine, Medical School, 11/1/93.
1993-	Lecturer/Panelist, Medicine and Law, Law School
1993-1994	Facilitator, M1 Ethics Orientation, Medical School
1993-1996	Faculty, M3 Comprehensive Clinical Assessment, Medical School
1993-2000	Coordinator/Lecturer, M2 Curriculum of Critical Appraisal of the Medical
	Literature and Medical Decision Making, Medical School
1993-	Faculty, Health Management and Policy (HMP) Course 612, School of Public Health
1993-	Core Faculty and Associate Director, Robert Wood Johnson Clinical Scholars Program
1994-1996	Facilitator/Lecturer, M2 Introduction to the Patient, Quality Improvement and Health-Care Economics
1994-	Faculty, Component III Seminars in Medicine
1994-1996	Guest Lecturer, Hewlett Medicine Tuesday Morning Conferences, University of Michigan, Dept. of Medicine
1995-	Mentor, VA HSR&D Career Development Award, Awardee - Timothy Hofer,MD "Evaluating Indicators of Quality and Efficiency of Health Care"
1995-1997	Mentor, Picker-Commonwealth Scholars Program, Awardee-Susan Goold, MD "Valid Consent in Managed Care"
1996-1996	Facilitator, Hewlett Medicine Teaching Rounds, Department of Medicine
1996	Hypoglycemic Therapy for Diabetes: Costs, Effectiveness & Policy, Grand Rounds, Department of Medicine
1998-	Mentor, VA HSR&D Career Development Award, Awardee - Eve Kerr, MD, "Influence of Managed Care Strategies on Quality of Care".

Senior Resident Research Projects Supervised

1988-1989	Noe Mateo, "The Utility of Laboratory Tests in the Diagnosis and Management of Bacterial Meningitis"
1989-1990	Kaveh Safavi, "Factors Affecting Physician Choices of Commonly Prescribed Drugs in a University Hospital"
1989-1990	Kenath Shamir, "Cardiac Catheterization and Vascular Access Complications" (with Eric Topol, David Muller, Brent Williams)

1989-1990	David White, "Syncope: An Overview and the Utility of Carotid Doppler"
1989-1990	Keith Wilkinson, "Elderly Delirium and Lumbar Punctures: What's the Point?"
1990-1991	Ilyas Iliya, "Hospital-Acquired Renal Insufficiency"
1990-1991	Anne Meneghetti, "Send it for Everything: The U of M Approach to Spinal Fluid" (with Robert Fekety)
1990-1991	Fred Taweel, "Residency Training in the Department of Medicine at U of M: A Survey"
1991-1992	Sean Kesterson, "University of Michigan Respiratory Therapist Survey" (with Susan Blitz)
1992-1993	D. Doug Schram, "Acute Renal Failure at U of M Hospital"
	Robert Holmes, "Management of Serum Potassium"
1993-1994	Eddward Post, "Inpatient Mortality Rates and Quality of Care"
1995-1996	Nick Sartor "Physician's Choices of Hypertensive Agents"
1996-1997	Michelle Azimov "Implementation of Sinusitis Guidelines"
	Erica Hwang "Colonoscopy as a Screening Test"
1997-1998	Thomas Stinchcomb "Why are some type 2 diabetics in such poor control?"
1998-1999	Matthew Goetz "Glycemic control in type 2 diabetes"
1999-2000	Veda Giri "Causes of Suboptimal timing of retinal photocoagulation"
	Michelle Heisler "Do sicker Medicaid HMO patients select primary care providers at an academic referral center?"
2000-2001	Ankush Chhabra, "Classifying Hospital Errors"
2001-2002	Adam Tremblay, "Reporting of Subgroup Analyses in Clinical Trials"
2003-2004	Jessica Shill, "Osteoporosis Screening and Treatment"

EXTRAMURAL INVITED PRESENTATIONS

Laboratory Testing on Cerebrospinal Fluid: A Reappraisal, American Federation for Clinical Research Western Section Meeting, Carmel, California, February 1986.

Laboratory Testing on Cerebrospinal Fluid: A Reappraisal, American Federation for Clinical Research National Meeting, Washington, DC, May 1986.

Who Gets Preventive Care? Results from a New National Survey, Society of General Internal Medicine National Meeting, San Diego, California, May 1987.

Who Gets Preventive Care? Results from a New National Survey, Robert Wood Johnson Clinical Scholars Program National Meeting, Scottsdale, Arizona, October 1987.

Inequities in Health Services Among Insured Americans: Do Working-Age Adults Have Less Access than the Elderly? Society of General Internal Medicine National Meeting, Washington, DC, April 1988.

Inequities in Health Services Among Insured Americans: Do Working-Age Adults Have Less Access than the Elderly? Robert Wood Johnson Clinical Scholars Program National Meeting, Miami Lakes, Florida, October 1988.

Presenting Regression Analysis Results. Midwestern Society of General Internal Medicine Meeting, November 12, 1988.

Is Having a Regular Source of Ambulatory Care a Valid Measure of Access to Health Services? American Federation for Clinical Research National Meeting, Washington, DC, April 1989.

Program Directors' Attitudes Towards Residents' Care of Patients with Acquired Immunodeficiency Syndrome, Society of General Internal Medicine National Meeting, Washington, DC, April 1989.

The Need for Better Measures of Access to Care, American Public Health Association 117th Annual Meeting, Chicago, Illinois, October 22, 1989.

Is Having a Regular Source of Ambulatory Care a Valid Measure of Access to Health Services? Robert Wood Johnson Clinical Scholars Program National Meeting, Fort Lauderdale, Florida, November 8, 1989.

Using a Hospital Information System to Monitor and Improve Quality of Care, National Health Policy Forum/John A. Hartford Foundation Workshop on Developing and Improving Health and HMO Quality, Washington, DC, November 15, 1989.

U.S. Residents' Experiences in the Care of AIDS Patients, Association of Program Directors in Internal Medicine Annual Spring Meeting, Chicago, Illinois, April 25, 1990.

Residents' Perspectives on Their Training in the Care of AIDS Patients, Society of General Internal Medicine 13th Annual Meeting, Arlington, Virginia, May 3, 1990.

Problems and Solutions in Survey Research. Society of General Internal Medicine 13th Annual Meeting, Arlington, VA, May 4, 1990.

Residents' Experiences In and Perceptions of the Care of AIDS Patients in the United States, American Federation for Clinical Research National Meeting, Washington, DC, May 6, 1990.

The U.S. Health Care System: Crisis and Evolution. Grand Rounds, Department of Internal Medicine, University of Michigan, Ann Arbor, MI, July 20, 1990.

Options for National Health Programs. The 7th Annual Neil Staebler Symposium: Ensuring America's Health in the 1990s, February 7, 1991.

Choosing Between Apples and Apples: Physicians' Choices of Similar Prescription Drugs, poster presentation to the Society of General Internal Medicine 14th Annual Meeting, Seattle, Washington, May 1, 1991.

Resident Physicians' Views of the Risk of Contracting AIDS, poster presentation to the Society of General Internal Medicine 14th Annual Meeting, Seattle, Washington, May 2, 1991.

Do Attending and Resident Physician Practice Styles Explain Variations in Resource Use for General Medicine Inpatients at a University Teaching Hospital? The Joint Session of the Society of General Internal Medicine 14th Annual Meeting and the American Federation for Clinical Research Annual Meeting, Seattle, Washington, May 3, 1991.

Issues in Health Care Organization and Financing. Medical Scientist Track Retreat, University of Michigan Medical School, Higgins Lake, MI., 8/10/91.

The US Health Care System: Current Problems and Future Directions. American Medical Student Association Regional Convention, Ann Arbor, MI. October 9, 1991.

Data and the Internal Medicine House Officer: Evaluating a Residency Program's Research Requirement, Association of Program Directors in Internal Medicine 15th Annual Spring Meeting, San Diego, California, March 24, 1992.

The Health Care Climate in Michigan, Michigan Society of Internal Medicine Annual Meeting, Southfield, Michigan, April 25, 1992.

Survey Research. Society of General Internal Medicine 15th Annual Meeting, Washington, DC, April 29, 1992.

Implicit Quality Review of General Medicine Inpatients: Peering at Peer Review, Society of General Internal Medicine 15th Annual Meeting, Washington, DC, May 1, 1992.

An Evaluation of Generic Screens for Poor Quality Care on a General Medicine Ward, American Federation for Clinical Research Annual Meeting, Baltimore, Maryland, May 2, 1992.

Quality and Utilization Review: Are the Watchdogs Barking Up the Wrong Tree? Grand Rounds, Department of Internal Medicine, University of Michigan, Ann Arbor, MI., 5/18/92.

Health Care Reform. Department of Sociology Lecture Series, University of Michigan, Ann Arbor, MI., 12/4/92.

Evaluation and Early Intervention with the HIV-Infected Patient, East Central AIDS Education and Training Center, Physician Education Seminar, Ann Arbor, Michigan, January 21, 1993.

Ambulatory Care of HIV-Infected Patient, East Central AIDS Education and Training Center, Physician Education Seminar, Ann Arbor, MI 1/21/93.

Controversies in the Care of Type II Diabetes. Grand Rounds, Department of Internal Medicine, University of Michigan, Ann arbor, MI, November 1, 1993.

Mortality Rates and Quality of Care, Robert Wood Johnson Clinical Scholars Program Annual Meeting, Fort Lauderdale, Florida, November 11, 1993.

Monitoring Hospital Quality, Blue Cross & Blue Shield Health Planning Group, Detroit, Michigan, January 13, 1994.

Quality Assessment: Who Is Doing It and How? Society of Hospital Epidemiology of America Meeting, New Orleans, Louisiana, March 20, 1994.

A Review of Quality and Utilization Review. Michigan Society of Internal Medicine Annual Meeting, Southfield, Michigan, April 16, 1994.

Developing and Administering Surveys. Society of General Internal Medicine 17th Annual Meeting, Washington, DC, April 28, 1994.

Resource Use for the Care of Diabetes in a Staff Model HMO: How Much do Individual Physician's Practice Patterns Vary? Society of General Internal Medicine 17th Annual Meeting, Washington, DC, April 29, 1994.

Residents' evaluations of clinic attendings – What can be distinguished, and how much information is enough? Society of General Internal Medicine 17th Annual Meeting, Washington, DC, April 1994.

Resource use for the care of diabetes in a staff model HMO: How much do individual physicians' practice patterns vary? Society of General Internal Medicine 17th Annual Meeting, Washington, DC, April 1994.

Can mortality rates accurately identify poor quality hospitals? Society of General Internal Medicine 17th Annual Meeting, Washington, DC, April 1994.

Do resident selection committees recognize the most important applicant attributes? Society of General Internal Medicine 17th Annual Meeting, Washington, DC, April 1994.

Update on Survey Research Methodology, Special Presentation, Robert Wood Johnson Foundation Clinical Scholars Program National Meeting, Fort Lauderdale, FL, November 11, 1994.

Measuring and Improving Quality, Physician Management Institute, University of Michigan Medical School, Ann Arbor, MI., May 5. 1995.

Economic Analyses in the Care of Diabetes, Conference on the Care and Management of Diabetes, San Francisco, CA., July 20, 1995

Design and Conduct of Observational Outcomes Projects, NIH/AHCPR Outcomes Research in Otolaryngology Conference, Bethesda, Maryland, October 21, 1995.

Difficulties and Limitations of PORT Research, NIH/AHCPR Outcomes Research in Otolaryngology Conference, Bethesda, Maryland, October 22, 1995

Laboratory Testing and Quality, Medical State Medical Society Scientific Meeting, Lansing, Michigan, November 3, 1995.

Costs and Effectiveness of Insulin Therapy, VA Health Services Research & Development National Meeting, Washington, D.C. (Also presented at the Society of General Internal Medicine National Meeting in Washington, D.C., May 2, 1996)

The benefits of glycemic control in type II diabetes: a decision analysis. Presented at the Society of General Internal Medicine, 19th Annual National Meeting, Washington, D.C., May 1996.

The costs and effectiveness of insulin therapy: results from the type II diabetes port. Presented at the Society of General Internal Medicine, 19th Annual National Meeting, Washington, D.C., May 1996.

Developing a reliable global measure of faculty teaching performance. Presented at the Society of General Internal Medicine, 19th Annual National Meeting, Washington, D.C., May 1996.

Physician Profiling - Uses & Abuses. Presented at the Blue Cross/Blue Shield Conference on "Physicians in Managed Care: New Skills and Values", Southfield, MI, April 26, 1997.

What every physician should know about physician report cards. Presented at the Catherine McCauley Research Day, Keynote Address. Ann Arbor, MI, April 30, 1997.

Outcomes Research, Visiting Professor, Case Western Reserve and the Cleveland VAMC, Department of Medicine, 1997.

Retinopathy screening in type 2 Diabetes: Are current recommendations justifiable, National Robert Wood Johnson Clinical Scholars Meeting, Ft. Lauderdale, Florida, November 1997.

Costs and Quality of Diabetes Care, Berlin University Diabetes Conference, Berlin, Germany, January 1998.

Resource use for the care of diabetes: The economic impact of physician practice variations in three practice settings, VA Health Services Research & Development Annual Meeting, Washington, D.C., February 1998 and Society of General Internal Medicine 21st Annual Meeting, Chicago, Illinois, April 1998.

Physician profiling for surgical procedures: policy and pitfalls, Michigan Vascular Surgery Meeting, Novi, Michigan, April 1998.

Diabetes Outcomes Research, Guest Speaker at the "State-of-the-Art Symposium" at the 34th European Association for the Study of Diabetes (EASD) Annual Meeting, Barcelona, Spain, September 1998.

Use of Models to Make Healthcare Policy Decisions: Treatment of Elderly Persons with Diabetes, Special Session, 59th Scientific Sessions, American Diabetes Association Meeting, San Diego, CA, June 22, 1999

2000 Ann Arbor Chamber of Commerce Leadership Health Day, "Improving Quality in the Next Century", January 12, 2000.

American College of Physicians-American Society of Internal Medicine Annual Session, Philadelphia, PA, "Innovative Approaches to Managing Diabetes Care", April 15, 2000.

American College of Physicians-American Society of Internal Medicine Annual Session, Philadelphia, PA, "What's New in Evidence-Based Office Practice: An Update from the Society of General Internal Medicine", April 14, 2000.

2nd Annual National VA Diabetes Symposium, Alexandria, VA, "Overview of Effectiveness and Priorities in Diabetic Care", May 18, 2000.

Association for Health Services Research Annual Meeting, Los Angeles, CA, Department of Veterans Affairs: Research Agenda – The Quality Enhancement Research Initiative: Systematizing Into Action, June 25, 2000.

Visiting Faculty/Lecturer, Quality of Care Grand Rounds, University of California – San Francisco Medical School; "Cascade Iatrogenesis"; November 17, 2000.

VA Health Services Research Career Development Award Annual Meeting, Guest Speaker, "Choosing a Research Focus", Washington, D.C., February 14, 2001.

Department of Veterans Affairs VISN 18 Research Forum, Guest Speaker, "Incorporating Health Economics and Quality in Health Services Research," Tucson, AZ, October 26, 2001.

"Patient Safety: The nature of the problem and promising approaches for improvement". Medical Error Educational Symposium, Barnes-Jewish Medical Center. Washington University, St. Louis, MO, November 3, 2001.

Department of Veterans Affairs QMIC Meeting, National Satellite Broadcast presentation on Preventable Medical Errors, November 15, 2001.

Invited Speaker (Consultant), Diabetes Symposium, "Benefit of antihyperglycaemic therapy to prevent microangiopathy – the importance to define specific therapeutic goals", European Diabetes Association, Frankfurt, Germany, January 26, 2002.

Visiting Professor/Medical Grand Rounds, "Improving quality of care for chronic illness: science, policy and politics", Dartmouth Hitchcock Medical Center, Lebanon, NH, March 15, 2002.

Medical Grand Rounds, "How Dangerous Is US Medicine? Errors, Patient Safety, and Opportunities for Quality Improvement", St. John Hospital and Medical Center, Detroit, MI, May 21, 2002.

Visiting Professor/Grand Rounds, "Improving Diabetes Care", University of Miami Medical Center, Miami, FL, May 23, 2002.

State-of-the-Evidence Symposium, "Evidence-Based Quality Improvement" 62nd Scientific Session. National American Diabetes Association Meeting, San Francisco, CA, June 17, 2002.

Visiting Professor & Medical Grand Rounds, 8th Frank De Trana, M.D., Memorial Lecture, "How Dangerous is American Medicine? The Evidence & Politics of 'Patient Safety'", University of Illinois, Chicago, IL, October 10, 2002

Invited Speaker, "Evidence-Based Quality Improvement", Institute for Clinical Systems Improvement, Minneapolis, MN, December 19, 2002.

Medical Grand Rounds, "A New Paradigm for Using Clinical Trial Results to Inform Clinical Practice", University of Michigan, January 10, 2003.

Greater Detroit Area Health Council 5th Annual Health Trends Conference, "An Evidence-Based Approach to Measuring & Improving Health Care Quality and Efficiency", Novi, Michigan, January 24, 2003.

Visiting Professor/Keynote Speaker, University of Iowa, Medical School Research Week, "An Evidence-Based Approach to Monitoring & Improving Health Care Quality & Efficiency" Iowa City, Iowa, April 3-4, 2003.

Invited Speaker, HAP/Pfizer Fall Physician's Conference, "An Evidence-Based Approach to Improving Health Care Quality and Efficiency", Beverly Hills, MI, November 6, 2003.

Visiting Professor/Grand Rounds Speaker, University of Pittsburgh, Department of Medicine, "Improving Care for Diabetes: Epidemiological Insights & Clinical Priorities" Pittsburgh, PA, March 25-26, 2004.

COMMITTEE AND ADMINISTRATIVE SERVICES

1991-1993	Society of General Internal Medicine Midwest Regional Council
1991-1993	Data Monitoring Board for Cooperative Study in Health Services, Department of
1992-1990	Veterans Affairs
1992-1994	Office of Technology Assessment Advisory Panel on the Use of Medical
1992 1991	Technology and Defensive Medicine, U.S. Congress
1994	Planning Committee for CSCR/MSPR/SGIM/AFCR Regional Meeting
1988-1989	Advances in Internal Medicine Planning Committee, Department of Internal
1700-1707	Medicine Medicine
1988-1989	Integrated Inpatient Management Model Operational Quality Review Committee,
1,00 1,00	University Hospitals
1989-1991	Dissertation Committee, David Chinsky, PhD candidate, School of Public Health
1990-	General Medicine Faculty Recruitment Committee; Affirmative Action
	Representative
1990-1992	Peer-Reviewer, Office of the Vice President for Research, Discretionary Funds
	Program
1991-1995	Clinical Quality Improvement Lead Team, University Hospitals
1991-1993	Dissertation Committee, Richard Homan, PhD candidate, School of Public Health
1992-	Co-director, NIH/AHCPR Fellowship Program in Health Services Research,
	Department of Internal Medicine
1992-1993	Task Force to provide recommendations to Curriculum Committee about
	undergraduate education in critical appraisal of the medical literature and
	clinical decision making, Medical School
1993-	Robert Wood Johnson Foundation Clinical Scholars Program Selection Committee,
	Department of Internal Medicine, Medical School
1994-1997	Member, Intern Selection Committee, Department of Internal Medicine, Medical
	School
1994-1997	Member, Research Advisory Panel, Department of Internal Medicine, Medical School
1994	Member, East Medical Campus Research Task Force
1994	Consultant, East Medical Campus Functional and Space Programming
1994-1996	Member, Utilization Management Steering Committee, University Hospitals
1995-1996	Member, Advisory Committee for the M-CARE Lifelong Program.
1995-1997	President, Midwest Society of General Internal Medicine.
1998	Committee on the Future of Health Services Research at the University of Michigan
	Medical School
1998	Internal Review Committee, Department of Internal Medicine.

1998-	Chair, Quality Enhancement Diabetes Initiative, Department of Veterans Affairs.
1998	Committee on Preferred Organization of VHA Field Research Administration.
1998-2000	Planning and Executive Committee, VA Cooperative Study on "Glycemic Control
	and Complications in DM Type 2".
1999-2003	Performance Evaluation Committee, Department of Internal Medicine, University
	of Michigan
2001-	Study Section, VA Research Enhancement Award Program (REAP)
2001-	Study Section, VA Center of Excellence Awards
2001-	Promotions Advisory Committee, Department of Internal Medicine, University of
	Michigan
2004	Search Committee for a new National Director of VA Health Services Research and
	Development (HSR&D)

COMMUNITY SERVICE

1985-1988	Volunteer Physician, Venice Family Clinic, Santa Monica, California
1989-1991	Volunteer, Ann Arbor Shelter Program, Ann Arbor, Michigan
1992-	Volunteer Physician, Shelter Association of Ann Arbor Health Clinic, Ann Arbor,
	Michigan

EDITORIAL REVIEW

1988-	Journal of the American Medical Association
1988-	Journal of General Internal Medicine
1988-	Medical Care
1990-	Annals of Internal Medicine
1996-	New England Journal of Medicine
2000-	Health Services Research
1992-1995	Agency for Health Care Policy and Research (AHCPR), review of small grants and
	PhD dissertation grants, site visitor
2001-2002	Member of VA HSR&D Letter of Intent (LOI) Review Committee
2001-	Study Section, VA HSRD Center Grant Review Committee
2001-	Study Section, VA Research Enhancement Award Program (REAP)

BIBLIOGRAPHY

Peer-Reviewed Publications

- 1. Hayward RA, Shapiro MF, Oye RK. Laboratory testing on cerebrospinal fluid: A reappraisal. The Lancet 1987; i:1-4.
- 2. Hayward RA, Shapiro MF, Freeman HE, Corey CR. Who gets screened for cervical and breast cancer? Results from a new national survey. Arch Intern Med 1988; 148:1177-1181.
- 3. Hayward RA, Shapiro MF, Freeman HE, Corey CR. Inequities in health services among insured Americans: Do working-age adults have less access than the elderly? N Engl J Med 1988; 318:1507-1512.
- 4. Hayward RA, Oye RK. Are polymorphonuclear leukocytes an abnormal finding in cerebrospinal fluid? Results from 225 normal cerebrospinal fluid specimens. Arch Intern Med 1988; 148:1623-1624.
- 5. Northfelt DW, Hayward RA, Shapiro MF. The acquired immunodeficiency syndrome is a primary care disease. Annals of Internal Medicine 1988; 109:773-775. (Editorial)
- 6. Hayward RA, Meetz HK, Shapiro MF, Freeman HE. Utilization of dental services: 1986 patterns and trends. Journal of Public Health Dentistry 1989; 49:147-152.
- 7. Shapiro MF, Hayward RA, Freeman HE, Corey CR. Out-of-pocket payments and use of care for serious and minor symptoms. Arch Intern Med 1989; 149:1645-1648.
- 8. Wood DL, Hayward RA, Corey CR, Freeman HE, Shapiro MF. Access to medical care for children and adolescents in the United States. Pediatrics 1990; 86:666-673.
- 9. Hayward RA, Bernard AM, Freeman HE, Corey CR. Regular source of ambulatory care and access to health services. Am J Public Health 1991; 81:434-438.
- 10. Hayward RA, Shapiro MF. A national study of AIDS and residency training: Experiences, concerns, and consequences. Annals of Internal Medicine 1991; 114:23-32.
- 11. Hayward RA, Kravitz RL, Shapiro MF. Program directors' attitudes towards residents' care of patients who have AIDS. J Gen Intern Med 1991; 6:18-26.
- 12. Hayward RA, Kravitz RL, Shapiro MF. The U.S. and Canadian health care systems: Views of resident physicians. Annals of Internal Medicine 1991; 115:308-314.
- 13. Safavi KT, Hayward RA. Choosing between apples and apples: Physicians' choices of prescription drugs that have similar side effects and efficacies. J Gen Intern Med 1992; 7:32-37.

- 14. McMahon LF, Hayward RA, Bernard AM, Rosevear JS, Weissfeld LA. APACHE-L: A new severity of illness adjuster for inpatient medical care. Medical Care 1992; 30:445-452.
- 15. Shapiro MF, Hayward RA, Guillemot D, Jayle D. Residents' experiences in, and attitudes toward, the care of persons with AIDS in Canada, France, and the United States. JAMA 1992; 268:510-515.
- 16. Hayward RA, Weissfeld JL. Coming to terms with the era of AIDS: Attitudes of physicians in U.S. residency programs. J Gen Intern Med 1993; 8:10-18.
- 17. Hayward RA, Taweel F. Data and the internal medicine houseofficer: Alumni's views of the educational value of a residency program's research requirement. J Gen Intern Med 1993; 8:140-142.
- 18. Hayward RA, McMahon LF, Bernard AM. Evaluating the care of general medicine inpatients: How good is implicit review? Annals of Internal Medicine 1993; 118:550-556.
- 19. Bernard AM, Hayward RA, Rosevear JS, McMahon LF. Gender and hospital resource use: Unexpected differences. Evaluation and the Health Professions 1993; 16:177-189.
- Hayward RA, Bernard AM, Rosevear JS, Anderson JE, McMahon LF. An evaluation of generic screens for poor quality of hospital care on a general medicine service. Med Care 1993; 31:394-402.
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Under review

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